

Please type a plus sign (+) inside this box

SUBSTITUTE for PTO/SB/01 (12-97), DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

Approved for use through 9/30/2000. OMB 651-0032

DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)	Attorney Docket Number	20832Y
	First Named Inventor	Christopher F. Claiborne, et al.
	COMPLETE IF KNOWN	
	Application Number	
	Filing Date	
	Group Art Unit	
<input checked="" type="checkbox"/> Declaration Submitted with Initial Filing OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Examiner Name	

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

N-SUBSTITUTED NONARYL-HETEROCYCLIC NMDA/NR2B ANTAGONISTS

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY) [] as United States Application Number or PCT International

Application Number [] and was amended on (MM/DD/YYYY) [] (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Attorney Docket Number	Priority Claimed? YES NO
				<input type="checkbox"/> <input type="checkbox"/>
				<input type="checkbox"/> <input type="checkbox"/>
				<input type="checkbox"/> <input type="checkbox"/>
				<input type="checkbox"/> <input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	Attorney Docket Number
60/271,100	02/23/2001	20832PV

Please type a plus sign (+) inside this box

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SUBSTITUTE for PTO/SB/01 (12-97), DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION**DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application**

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known to me to be material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Application Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint, respectively and individually, as my attorneys or agents with full power of substitution and revocation, the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer Number
Bar Code Label here

Name	Registration Number	Name	Registration Number
Shu Muk Lee	41,147	David L. Rose	26,332

Direct all correspondence to: ☒ Customer Number or Bar Code Label

000210

Name	Shu Muk Lee				
Address	Merck & Co., Inc. - Patent Department				
Address	P.O. Box 2000, RY60-30				
City	Rahway	State	NJ	ZIP	07065-0907
Country	USA	Telephone	(732)594-2675	Fax	(732)594-1540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))

Family Name or Surname

Christopher F.

Claiborne

Inventor's
Signature

Date

Residence:
City

Cambridge

State

MA

Country

US

Citizenship

US

Post Office
Address

Merck & Co., Inc., P.O. Box 2000

City

Rahway

State

NJ

ZIP

07065-0907

☐ Additional inventors are being named on the _____ supplemental Additional Inventors(s) sheet(s) PTO/SB/02A attached hereto.

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Approved for use through 9/30/2000. OMB 651-0032
SUBSTITUTE for PTO/SB/02A (3-97), Declaration (Additional Inventors)

DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S)
Supplemental Sheet

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname			
John W.		Butcher			
Inventor's Signature	<i>John W Butcher</i>			Date	<i>February 12 2002</i>
Residence: City	Telford	State	PA	Country	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000				
City	Rahway	State	NJ	ZIP	07065-0907
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname			
David A.		Claremon			
Inventor's Signature	<i>David A Claremon</i>			Date	<i>February 12 2002</i>
Residence: City	Maple Glen	State	PA	Country	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000				
City	Rahway	State	NJ	ZIP	07065-0907
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname			
Brian E.		Libby			
Inventor's Signature				Date	
Residence: City	Noblesville	State	IN	Country	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000				
City	Rahway	State	NJ	ZIP	07065-0907
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname			
Nigel J.		Liverton			
Inventor's Signature	<i>Nigel J Liverton</i>			Date	<i>12th Feb. 2002</i>
Residence: City	Hartcysville	State	PA	Country	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000				
City	Rahway	State	NJ	ZIP	07065-0907

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SUBSTITUTE for PTO/SB/02A (3-97), Declaration (Additional Inventors)

DECLARATION AND POWER OF ATTORNEY

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Supplemental Sheet

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Peter M.		Munson					
Inventor's Signature	<i>Peter M. Munson</i>					Date	12 Feb. 02
Residence: City	Harleysville	State	PA	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Kevin T.		Nguyen					
Inventor's Signature	<i>Kevin Nguyen</i>					Date	12 Feb. 2002
Residence: City	Philadelphia	State	PA	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Brian		Phillips					
Inventor's Signature	<i>Brian Phillips</i>					Date	Feb 12, 2002
Residence: City	Telford	State	PA	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Wayne		Thompson					
Inventor's Signature	<i>Wayne Thompson</i>					Date	February 12, 2002
Residence: City	Landsdale	State	PA	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
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Given Name (first and middle [if any])				Family Name or Surname			
John A.				McCauley			
Inventor's Signature		<i>John A. McCauley</i>			Date		<i>February 12, 2002</i>
Residence: City		Maple Glen	State	PA	Country	US	Citizenship
Post Office Address		Merck & Co., Inc., P.O. Box 2000					
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**DECLARATION AND
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FOR UTILITY OR DESIGN
PATENT APPLICATION
(37 CFR 1.63)**Declaration
Submitted
with Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
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Attorney Docket Number

20832Y

First Named Inventor

Christopher F. Claiborne, et al.

COMPLETE IF KNOWN

Application Number

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				YES	NO
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				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>



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60/271,100	02/23/2001	20832PV

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Place Customer Number
Bar Code Label here

Name	Registration Number	Name	Registration Number
Shu Muk Lee	41,147	David L. Rose	26,332

Direct all correspondence to: ☒ Customer Number or Bar Code Label



Name	Shu Muk Lee				
Address	Merck & Co., Inc. - Patent Department				
Address	P.O. Box 2000, RY60-30				
City	Rahway	State	NJ	ZIP	07065-0907
Country	USA	Telephone	(732)594-2675	Fax	(732)594-1540

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Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle, [if any])		Family Name or Surname			
Christopher F.		Claiborne			
Inventor's Signature				Date	FEB 13-02
Residence: City	Cambridge	State	MA	Country	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000				
City	Rahway	State	NJ	ZIP	07065-0907
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventors(s) sheet(s) PTO/SB/02A attached hereto.					

DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S)
Supplemental Sheet

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Given Name (first and middle [if any])				Family Name or Surname			
John W.				Butcher			
Inventor's Signature						Date	
Residence: City	Telford	State	PA	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		
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Inventor's Signature						Date	
Residence: City	Maple Glen	State	PA	Country	US	Citizenship	US
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Brian E.				Libby			
Inventor's Signature						Date	
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Given Name (first and middle [if any])				Family Name or Surname			
Nigel J.				Liverton			
Inventor's Signature						Date	
Residence: City	Harteville	State	PA	Country	US	Citizenship	UK
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		

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Given Name (first and middle [if any])				Family Name or Surname			
Peter M.				Munson			
Inventor's Signature						Date	
Residence: City	Harleysville	State	PA	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Kevin T.				Nguyen			
Inventor's Signature						Date	
Residence: City	Philadelphia	State	PA	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
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Given Name (first and middle [if any])				Family Name or Surname			
Brian				Phillips			
Inventor's Signature						Date	
Residence: City	Telford	State	PA	Country	US	Citizenship	US
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Wayne				Thompson			
Inventor's Signature						Date	
Residence: City	Landsdale	State	PA	Country	US	Citizenship	US
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Given Name (first and middle [if any])				Family Name or Surname			
John A.				McCauley			
Inventor's Signature						Date	
Residence: City		Maple Glen		State PA		Country US	
Citizenship		US					
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City		Rahway		State NJ		ZIP 07065-0907	
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**DECLARATION AND
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FOR UTILITY OR DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☒ Declaration Submitted with Initial Filing OR ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number 20832Y

First Named Inventor Christopher F. Claiborne, et al.

COMPLETE IF KNOWN

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				YES	NO
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☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto: 2

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City	Rahway	State	NJ	ZIP	07065-0907
Country	USA	Telephone	(732)594-2675	Fax	(732)594-1540

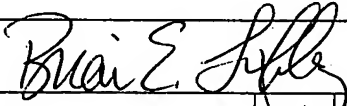
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:	<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any])			Family Name or Surname		
Christopher F.			Claiborne		
Inventor's Signature				Date	
Residence: City	Cambridge	State	MA	Country	US
				Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000				
City	Rahway	State	NJ	ZIP	07065-0907

☐ Additional inventors are being named on the _____ supplemental Additional Inventors(s) sheet(s) PTO/SB/02A attached hereto.

DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S)
Supplemental Sheet

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
John W.				Butcher			
Inventor's Signature						Date	
Residence: City		Telford		State PA		Country US	
Post Office Address		Merck & Co., Inc., P.O. Box 2000					
City		Rahway		State NJ		ZIP 07065-0907	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
David A.				Claremon			
Inventor's Signature						Date	
Residence: City		Maple Glen		State PA		Country US	
Post Office Address		Merck & Co., Inc., P.O. Box 2000					
City		Rahway		State NJ		ZIP 07065-0907	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Brian E.				Libby			
Inventor's Signature						Date 15 Feb 2002	
Residence: City		Noblesville		State IN		Country US	
Post Office Address		Merck & Co., Inc., P.O. Box 2000					
City		Rahway		State NJ		ZIP 07065-0907	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Nigel J.				Liverton			
Inventor's Signature						Date	
Residence: City		Harteville		State PA		Country US	
Post Office Address		Merck & Co., Inc., P.O. Box 2000					
City		Rahway		State NJ		ZIP 07065-0907	

DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S)
Supplemental Sheet

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Peter M.				Munson			
Inventor's Signature						Date	
Residence: City	Harleysville	State	PA	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Kevin T.				Nguyen			
Inventor's Signature						Date	
Residence: City	Philadelphia	State	PA	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Brian				Phillips			
Inventor's Signature						Date	
Residence: City	Telford	State	PA	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Wayne				Thompson			
Inventor's Signature						Date	
Residence: City	Landsdale	State	PA	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		

DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S)
Supplemental Sheet

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])				Family Name or Surname					
John A.				McCauley					
Inventor's Signature						Date			
Residence: City		Maple Glen		State PA		Country US		Citizenship US	
Post Office Address		Merck & Co., Inc., P.O. Box 2000							
City		Rahway		State NJ		ZIP		07065-0907	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])				Family Name or Surname					
Inventor's Signature						Date			
Residence: City				State		Country		Citizenship	
Post Office Address		Merck & Co., Inc., P.O. Box 2000							
City		Rahway		State NJ		ZIP		07065-0907	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])				Family Name or Surname					
Inventor's Signature						Date			
Residence: City				State		Country		Citizenship	
Post Office Address		Merck & Co., Inc., P.O. Box 2000							
City		Rahway		State NJ		ZIP		07065-0907	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])				Family Name or Surname					
Inventor's Signature						Date			
Residence: City				State		Country		Citizenship	
Post Office Address		Merck & Co., Inc., P.O. Box 2000							
City		Rahway		State NJ		ZIP		07065-0907	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])				Family Name or Surname					
Inventor's Signature						Date			
Residence: City				State		Country		Citizenship	
Post Office Address		Merck & Co., Inc., P.O. Box 2000							
City		Rahway		State NJ		ZIP		07065-0907	

PCT

POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)
(PCT Rule 90.4)

TECH CENTER 1600/2900

JUN 05 2002

RECEIVED

The undersigned applicant(s):

(Names should be indicated as they appear in the request)

LIVERTON, Nigel, J.; MUNSON, Peter, M.; NGUYEN, Kevin, T.; PHILLIPS, Brian

hereby appoints (appoint) the following person as: ☒ common representative

Name and address:

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country)

MERCK & CO., INC.

126 East Lincoln Avenue

Rahway, NJ 07065-0907

United States of America

to represent the undersigned before ☒ all the competent International Authorities
in connection with the international application identified below:

Title of the invention: N-SUBSTITUTED NONARYL-HETEROCYCLIC NMDA/NR2B
ANTAGONIST

Applicant's or agent's file reference: PCT 20832Y

International application number (if already available):

filed with the following Office United States Receiving Office as receiving Office and to make or
receive payments on behalf of the undersigned.

Signature of the applicant(s):

(where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):

Date: 12 Feb 2002

Nigel J. Liverton

Date: 12 Feb. 02

Peter M. Munson

Date: 12 Feb. 2002

Kevin T. Nguyen

Date: 12 Feb 2002

Brian Phillips

Form PCT/Model of power of attorney (for a given international application) (July 1992)

PCT

POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)
(PCT Rule 90.4)

The undersigned applicant(s):

(Names should be indicated as they appear in the request)

WAYNE, Thompson; BUTCHER, John, W.; CLAREMON, David, A.; MCCAULEY, John, A.

hereby appoints (appoint) the following person as: ☒ common representative

Name and address:

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country)

MERCK & CO., INC.
126 East Lincoln Avenue
Rahway, NJ 07065-0907
United States of America

to represent the undersigned before ☒ all the competent International Authorities
in connection with the international application identified below:

Title of the invention: N-SUBSTITUTED NONARYL-HETEROCYCLIC NMDA/NR2B
ANTAGONIST

Applicant's or agent's file reference: PCT 20832Y

International application number (if already available):

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receive payments on behalf of the undersigned.

Signature of the applicant(s):

(where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):

Date: February 12, 2002

Wayne Thompson
Wayne Thompson

Date: February 12, 2002

John W. Butcher
John W. Butcher

Date: February 12, 2002

David A. Claremon
David A. Claremon

Date: February 12, 2002

John A. McCauley
John A. McCauley

Form PCT/Model of power of attorney (for a given international application) (July 1992)